California Water Boards

Edmund G. Brown Jr., Governor

Matthew Rodriquez, Secretary for Environmental Protection

Los Angeles Regional Water Quality Control Board

July 11, 2014

Ms. Lisa A. Hamilton
Manager of Environmental Programs
General Electric
640 Freedom Business Center Drive
King of Prussia, Pennsylvania 19406

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
7001 0360 0000 3649 3262

SUBJECT: **APPROVAL OF THE REVISED WORK PLAN TO PERFORM SITE ASSESSMENT PURSUANT TO CALIFORNIA WATER CODE SECTION 13304 CLEAN UP AND ABATEMENT ORDER NO. 92-066**

SITE: **FORMER PACIFIC AIRMOTIVE CORPORATION, 2960 NORTH HOLLYWOOD WAY, BURBANK, CALIFORNIA (FILE NO. 104.1691 AND SITE ID NO. 2045C00)**

Dear Ms. Hamilton:

The California Regional Water Quality Control Board, Los Angeles Region (Regional Board) is the public agency with primary responsibility to protect ground water and surface water quality for all beneficial uses within major portions of Los Angeles and Ventura counties, including the above-referenced Site. To accomplish this goal, the Regional Board directed Pacific Airmotive Corporation (PAC), Lockheed Advanced Development Corporation and American Real Estate Holding Limited Partnership to investigate and remediate contaminants released from the Site under Cleanup and Abatement Order (CAO) No. 92-066.

We received the following technical report for the Site, submitted on your behalf, for our review:

- *Revised Work Plan to Perform Site Assessment* (Work Plan) dated June 9, 2014 and prepared by Geosyntec Consultants.

WORK PLAN SUMMARY

A soil vapor extraction (SVE) system has been operating at the Site since December 2001 to remove volatile organic compounds (VOCs), specifically tetrachloroethylene (PCE) from the impacted soil beneath the Site. The SVE system has removed more than 100,000 pounds of PCE mass through December 2013. SVE system performance data suggest that the system has reached asymptotic levels with regard to the removal rate of VOCs from the soil.

Rebound testing of the SVE system was initiated on October 7, 2013. The rebound testing completed consisted of two cycles of rebound evaluation. Results of the rebound tests indicate individual SVE wells (SVE-1, SVE-3 and SVE-7) exhibit rebound in concentrations upon system restart, but rapidly decreased

in concentrations after the system restarts, suggesting that remaining VOC sources in these areas are limited in extent. Results of the rebound tests suggest the concentrations at well SVE-2 are relatively stable and did not exhibit rebound. After the second rebound evaluation, the system was shut down on February 4, 2014 to allow subsurface conditions to equilibrate prior to performing a forthcoming residual soil vapor characterization. PAC proposes to perform a broad site assessment to assess residual VOCs in the vadose zone.

The Work Plan proposes the following scope of work:

1. Advancement of ten (10) soil borings to a depth of 15 feet below ground surface (bgs). Each soil boring will be converted to a temporary nested soil vapor probe with vapor points installed at depths of 5 and 15 feet bgs.

2. Collection of soil vapor samples to evaluate the current soil conditions in areas where elevated concentrations of VOCs were previously reported. Soil vapor monitoring will include sampling the existing vapor sampling points and the ten (10) temporary nested soil vapor wells.

3. Soil vapor will be analyzed for VOCs using United States Environmental Protection Agency (USEPA) Method 8260B.

4. The soil vapor monitoring results will be used to evaluate potential impacts of residual VOCs in the vadose zone to groundwater and indoor air.

5. A report will be prepared documenting the results of the investigation.

COMMENTS AND REQUIREMENTS

The Work Plan is approved with the following comments and additions:

1. In addition to the proposed soil vapor points, at least one additional nested soil vapor well shall be installed in the former degreaser area located east of SVE-1 and southwest of VSP-3 as indicated on Figure 13 of the Work Plan. The soil vapor shall be analyzed for VOCs using USEPA Method 8260B.

2. The Regional Board shall be notified a minimum of seven (7) days prior to the start of field activities.

3. A Subsurface Soil Investigation Report (Report) shall be prepared documenting the results of the investigation, sample collection procedures, field observations, laboratory data, conclusions and recommendations. The Report shall include a cross-section of the entire Site going east to west and one cross-section of the entire site going north to south. Each cross-section will present a color-coded plume map of trichloroethylene and PCE in soil vapor. The Report shall be submitted to the Regional Board by **September 30, 2014.**

This Work Plan approval letter constitutes an amendment to the requirements of CAO No. 92-066 originally dated December 22, 1992. All other aspects of CAO No. 92-066, and amendments thereto, remain in full force and effect. Pursuant to section 13350 of the California Water Code (CWC), failure to

comply with the requirements of CAO No. 92-066 by the specified due dates, including dates in this amendment, may result in civil liability administratively imposed by the Regional Board in an amount up to five thousand dollars ($5,000) for each day of failure to comply.

Should you have any questions related to this project, please contact Ms. Jillian Ly at (213) 576-6731 or jillian.ly@waterboards.ca.gov.

Sincerely,

Samuel Unger

Samuel Unger, P.E.
Executive Officer

cc: Mr. Leo Chan, City of Glendale
Ms. Lisa Hanusiak, USEPA Region IX
Mr. Bill Mace, City of Burbank Water Supply Department
Mr. Albert Gastelum, Los Angeles Department of Water & Power
Mr. Jonathan Leung, Los Angeles Department of Water & Power
Mr. Vahe Dabbaghian, Los Angeles Department of Water & Power
Mr. Chad Bird, Geosyntec Consultants